

Title (en)
RETROVIRAL VECTOR

Title (de)
RETROVIRALER VEKTOR

Title (fr)
VECTEUR RÉTROVIRAL

Publication
EP 3633040 B1 20230607 (EN)

Application
EP 19211962 A 20171222

Priority
• EP 19211962 A 20171222
• EP 17210359 A 20171222

Abstract (en)
[origin: EP3502260A1] A cell for producing retroviral vectors comprising nucleic acid sequences encoding: i) gag-pol; ii) env; iii) the RNA genome of the retroviral vector; and iv) optionally rev, or a functional substitute thereof, wherein at least two nucleic acid sequences are located at the same genetic locus; and wherein the at least two nucleic acid sequences are in reverse and/or alternating orientations.

IPC 8 full level
C12N 15/86 (2006.01)

CPC (source: EP US)
C12N 15/86 (2013.01 - EP US); **C12N 2740/10041** (2013.01 - US); **C12N 2740/10052** (2013.01 - US); **C12N 2740/13051** (2013.01 - EP US); **C12N 2740/13052** (2013.01 - EP US); **C12N 2740/15051** (2013.01 - EP US); **C12N 2740/15052** (2013.01 - EP US); **C12N 2740/16051** (2013.01 - EP US); **C12N 2740/16052** (2013.01 - EP US)

Citation (examination)
• WO 2006089001 A2 20060824 - LENTIGEN CORP [US], et al
• CHEN YU HUA ET AL: "Rapid Lentiviral Vector Producer Cell Line Generation Using a Single DNA Construct", vol. 19, 1 December 2020 (2020-12-01), GB, pages 47 - 57, XP055896849, ISSN: 2329-0501, Retrieved from the Internet <URL:https://www.cell.com/action/showPdf?pii=S2329-0501(20)30177-7> DOI: 10.1016/j.omtm.2020.08.011
• YAO F ET AL: "Tetracycline Repressor, tetR, rather than the tetR-Mammalian cell transcription factor fusion derivatives, regulates inducible gene expression in mammalian cells", HUMAN GENE THERAPY, MARY ANN LIEBERT, INC. PUBLISHERS, GB, vol. 9, no. 13, 1 September 1998 (1998-09-01), pages 1939 - 1950, XP002105115, ISSN: 1043-0342

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3502260 A1 20190626; EP 3633040 A1 20200408; EP 3633040 B1 20230607; EP 3696272 A1 20200819; ES 2951857 T3 20231025; FI 3633040 T3 20230803; US 2019211358 A1 20190711; US 2023183745 A1 20230615

DOCDB simple family (application)
EP 17210359 A 20171222; EP 19211962 A 20171222; EP 20161629 A 20171222; ES 19211962 T 20171222; FI 19211962 T 20171222; US 201816231349 A 20181221; US 202318106972 A 20230207